

IN THE CLAIMS

Please replace claim 1 with the following amended claims. A marked-up version of these amendments is provided herewith as Appendix A.

1. (Amended) A method for determining bcr-abl translocation rearrangements in a biological sample comprising the steps of:

- a) extracting RNA from a biological sample;
- b) quantifying the extracted RNA;
- c) reverse transcribing the RNA to cDNA;
- d) amplifying the cDNA and detecting a cDNA signal by using each of the primers

and probes set forth in SEQ. ID NOS. 1-8;

AI e) obtaining a standard curve of cDNA signals from serial dilutions of a leukemic cell line, wherein the cDNA is obtained by repeating steps a) - d) with the RNA from leukemic cell line and not the sample; and

f) extrapolating a measurement of the leukemic cells present in the sample by comparing the signal from step d) with that from step e).

Please add the following new claims:

13. (New) A method for determining bcr-abl translocation rearrangements in a biological sample, the method comprising:

A2 amplifying and obtaining a signal from DNA using each of the primers and probes set forth in SEQ. ID NOS. 1-8, wherein said DNA is obtained by reverse transcribing RNA obtained from said biological sample, and wherein said signal is indicative of the presence of bcr-abl translocation rearrangements in said biological sample.